



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

KIAN TENG ENG ET AL.

Serial No. 09/766,477 (TI-22944.2)

Filed January 19, 2001

For: VERTICAL BALL GRID ARRAY INTEGRATED CIRCUIT PACKAGE

Art Unit 2827

Examiner James M. Mitchell

Commissioner for Patents  
Washington, D. C. 20231

Sir:

**RESPONSE TO OFFICE ACTION DATED AUGUST 13, 2002 AND  
CONDITIONAL PETITION**

In response to the Office action dated August 13, 2002, it is again respectfully submitted that claims ~~1 to 20~~ were cancelled in the Preliminary Amendment and that claims 22 to 27 were renumbered in accordance with proper practice as claims 21 to 27. A copy of the Preliminary Amendment is attached hereto with the claim cancellation and amendments circled in red.

In view of the Preliminary Amendment, claims 1 to 10 are not presently viable in this application. Accordingly, out of an abundance of caution, claim 21 is elected.

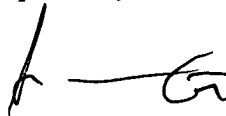
However, in view of the apparent error in the Office action as noted above, in the event the Office action dated August 13, 2002 is not withdrawn as requested, this paper is to be treated as a Petition to the Commissioner to review the file and specifically the

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Preliminary Amendment and cause the examiner to act in accordance with the Rules based upon the claim cancellation and amendment in the Preliminary Amendment.

Please charge any fees to Deposit Account No. 20-0668.

Respectfully submitted

A handwritten signature in black ink, appearing to read "Jay M. Cantor", with a stylized flourish at the end.

Jay M. Cantor  
Reg. No. 19906  
(202) 639-7713



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

KIAN TENG ENG ET AL.

Division of Serial No. 09/478,917 (TI-22944.2)

Filed Herewith

For: VERTICAL BALL GRID ARRAY INTEGRATED CIRCUIT PACKAGE

Art Unit

Examiner

Commissioner for Patents  
Washington, D. C. 20231

Sir:

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**PRELIMINARY AMENDMENT**

Prior to the first Office action, please amend the above identified application as follows:

**In the Abstract of the Disclosure**

line 2, change "comprising" to --having--.

**In the specification:**

Page 1, after the title, add the following paragraph:

"[0000.1] **CROSS REFERENCE TO PRIOR APPLICATIONS**

This application is a division of Serial No. 09/478,917 which is a division of  
Serial No. 09/115,565."

Page 2, line 15, paragraph [0004], line 2, change "media" to --medium--.

Page 12, replace lines 4 and 5, paragraph [0027], with the following:

"Figures 8a to 8c show three different configurations for the side surface 92 of integrated circuit packages 30 and 32.--.

Page 20, line 12, paragraph [0042], line 4, cancel "of".

Page 26, line 9, paragraph [0052], line 1, cancel "In" and, after "4" add --is a--.

Page 29, line 5, paragraph [0057], line 1, change "Figure 8" to --Figures 8a to 8c--

**In the claims:**

Cancel claims 1 to 20 without prejudice.

Renumber claims as shown from 22 to 28 to claims 21 to 27 respectively.

Claims 22 to 27 as amended above, line 1 of each , change "22" to --21-- as shown.

**REMARKS**

Claims 22 to 28 have been renumbered as claims 21 to 27 as shown in the application as submitted and the dependencies have been changed to reflect to change in claim numbering.

Action and allowance are respectfully requested.

Respectfully submitted,

Jay M. Cantor  
Reg. No. 19906  
(202) 639-7713